

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10|531,556A
Source: PCT
Date Processed by STIC: 3/16/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/16/2006

PATENT APPLICATION: US/10/531,556A

TIME: 11:47:17

Input Set : E:\BOHMAN150Sequence.txt

Output Set: N:\CRF4\03162006\J531556A.raw

3 <110> APPLICANT: Sloning Biotechnology GmbH
 5 <120> TITLE OF INVENTION: Method for the manufacture of nucleic acid molecules
 7 <130> FILE REFERENCE: S 10010 PCT
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/531,556A
 C--> 10 <141> CURRENT FILING DATE: 2005-04-14
 12 <160> NUMBER OF SEQ ID NOS: 61
 14 <170> SOFTWARE: PatentIn version 3.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 11
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Artificial Sequence
 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: Synthetic
 24 <220> FEATURE:
 25 <221> NAME/KEY: misc_feature
 26 <222> LOCATION: (7)..(11)
 27 <223> OTHER INFORMATION: any nucleotide
 30 <400> SEQUENCE: 1
 W--> 31 cgtctcnnnn n 11
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 37 <213> ORGANISM: Artificial Sequence
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 43 <221> NAME/KEY: misc_feature
 44 <222> LOCATION: (7)..(11)
 45 <223> OTHER INFORMATION: any nucleotide
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 53 <211> LENGTH: 12
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Artificial Sequence
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 58 <223> OTHER INFORMATION: Synthetic
 60 <220> FEATURE:
 61 <221> NAME/KEY: misc_feature
 62 <222> LOCATION: (7)..(12)
 63 <223> OTHER INFORMATION: any nucleotide
 66 <400> SEQUENCE: 3
 W--> 67 gaagacnnnn nn 12

(Pg. 6)

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80 <222> LOCATION: (7)..(14)
81 <223> OTHER INFORMATION: any nucleotide
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W--> 85 acctgcnnnnn nnnn 14
88 <210> SEQ ID NO: 5
89 <211> LENGTH: 8
90 <212> TYPE: DNA
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94 <223> OTHER INFORMATION: Synthetic
96 <220> FEATURE:
97 <221> NAME/KEY: misc_feature
98 <222> LOCATION: (7)..(8)
99 <223> OTHER INFORMATION: any nucleotide
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W--> 103 gcagtgnn 8
106 <210> SEQ ID NO: 6
107 <211> LENGTH: 8
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Synthetic
114 <220> FEATURE:
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116 <222> LOCATION: (7)..(8)
117 <223> OTHER INFORMATION: any nucleotide
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124 <210> SEQ ID NO: 7
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129 <220> FEATURE:
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134 <222> LOCATION: (7)..(12)
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138 <400> SEQUENCE: 7
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151 <221> NAME/KEY: misc_feature
152 <222> LOCATION: (7)..(11)
153 <223> OTHER INFORMATION: any nucleotide
156 <400> SEQUENCE: 8
W--> 157 actgggnnnnn n 11
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171 <223> OTHER INFORMATION: any nucleotide
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W--> 175 ggcggannnnn nnnnnnn 17
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186 <220> FEATURE:
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188 <222> LOCATION: (7)..(16)
189 <223> OTHER INFORMATION: any nucleotide
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198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
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202 <223> OTHER INFORMATION: Synthetic
204 <220> FEATURE:
205 <221> NAME/KEY: misc_feature
206 <222> LOCATION: (8)..(15)
207 <223> OTHER INFORMATION: any nucleotide
210 <400> SEQUENCE: 11
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214 <210> SEQ ID NO: 12
215 <211> LENGTH: 17

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217 <213> ORGANISM: Artificial Sequence
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223 <220> FEATURE:
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225 <222> LOCATION: (7)..(17)
226 <223> OTHER INFORMATION: any nucleotide
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234 <211> LENGTH: 11
235 <212> TYPE: DNA
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241 <220> FEATURE:
242 <221> NAME/KEY: misc_feature
243 <222> LOCATION: (8)..(11)
244 <223> OTHER INFORMATION: any nucleotide
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261 <222> LOCATION: (7)..(10)
262 <223> OTHER INFORMATION: any nucleotide
265 <400> SEQUENCE: 14
W--> 266 ctcttcnnnn 10
269 <210> SEQ ID NO: 15
270 <211> LENGTH: 11
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Synthetic
277 <220> FEATURE:
278 <221> NAME/KEY: misc_feature
279 <222> LOCATION: (7)..(11)
280 <223> OTHER INFORMATION: any nucleotide
283 <400> SEQUENCE: 15
W--> 284 ggtctcnnnn n 11
287 <210> SEQ ID NO: 16
288 <211> LENGTH: 11
289 <212> TYPE: DNA

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290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Synthetic
295 <220> FEATURE:
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297 <222> LOCATION: (7)..(11)
298 <223> OTHER INFORMATION: any nucleotide
301 <400> SEQUENCE: 16
W--> 302 cgtctcnnnn n 11
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308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
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315 <222> LOCATION: (7)..(14)
316 <223> OTHER INFORMATION: any nucleotide
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W--> 320 acctgcnnnn nnnn 14
323 <210> SEQ ID NO: 18
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326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
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332 <221> NAME/KEY: misc_feature
333 <222> LOCATION: (7)..(12)
334 <223> OTHER INFORMATION: any nucleotide
337 <400> SEQUENCE: 18
W--> 338 gaagacnnnn nn 12
341 <210> SEQ ID NO: 19
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344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
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349 <220> FEATURE:
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351 <222> LOCATION: (7)..(8)
352 <223> OTHER INFORMATION: any nucleotide
355 <400> SEQUENCE: 19
W--> 356 gcaatgnn 8
359 <210> SEQ ID NO: 20
360 <211> LENGTH: 8
361 <212> TYPE: DNA
362 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/531,556A

DATE: 03/16/2006
TIME: 11:47:18

Input Set : E:\BOHMAN150Sequence.txt
Output Set: N:\CRF4\03162006\J531556A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 7,8,9,10,11 ✓
Seq#:2; N Pos. 7,8,9,10,11 ✓
Seq#:3; N Pos. 7,8,9,10,11,12 ✓
Seq#:4; N Pos. 7,8,9,10,11,12,13,14 ✓
Seq#:5; N Pos. 7,8 ✓
Seq#:6; N Pos. 7,8 ✓
Seq#:7; N Pos. 7,8,9,10,11,12 ✓
Seq#:8; N Pos. 7,8,9,10,11 ✓
Seq#:9; N Pos. 7,8,9,10,11,12,13,14,15,16,17 ✓
Seq#:10; N Pos. 7,8,9,10,11,12,13,14,15,16 ✓
Seq#:11; N Pos. 8,9,10,11,12,13,14,15 ✓
Seq#:12; N Pos. 7,8,9,10,11,12,13,14,15,16,17 ✓
Seq#:13; N Pos. 8,9,10,11 ✓
Seq#:14; N Pos. 7,8,9,10 ✓
Seq#:15; N Pos. 7,8,9,10,11 ✓
Seq#:16; N Pos. 7,8,9,10,11 ✓
Seq#:17; N Pos. 7,8,9,10,11,12,13,14 ✓
Seq#:18; N Pos. 7,8,9,10,11,12 ✓
Seq#:19; N Pos. 7,8 ✓
Seq#:20; N Pos. 7,8 ✓
Seq#:21; N Pos. 7,8,9,10,11
Seq#:22; N Pos. 7,8,9,10,11,12
Seq#:23; N Pos. 7,8,9,10,11,12,13,14,15,16
Seq#:24; N Pos. 7,8,9,10,11,12,13,14,15,16,17
Seq#:25; N Pos. 7,8,9,10,11,12,13,14,15,16,17
Seq#:26; N Pos. 8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

DATE: 03/16/2006

PATENT APPLICATION: US/10/531,556A

TIME: 11:47:18

Input Set : E:\BOHMAN150Sequence.txt

Output Set: N:\CRF4\03162006\J531556A.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:31 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0